

日本特开平 9-265879 专利翻译成英文的主要内容如下:

[denomination of invention]

[Scope of patent protection]

[Protection item 1] & [Protection item 2] are irrelevant to this subject and left out

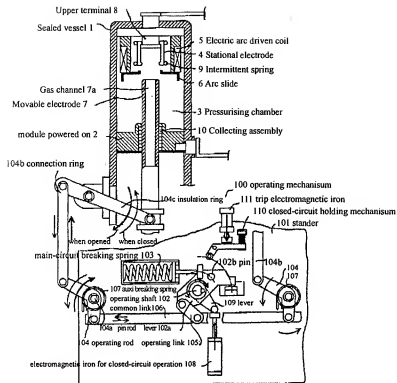
[Detailed discription of the intention]
[0001], [0002] and [0003] are omitted.

[0004] in English:

How to Solve the Problem in Discussion

The air-breaker comprises the followings: sealed vessel filled with arc-extinguishing gas, statonary electrode involved in the above-mentioned vessel, movable electrode which is corresponded to the statonary electrode and moves between the position under open-circuit state and the position under closed - circuit state, stander fixed in the a.m. vessel, operating shaft which can rotate on the stander, operating rod which makes the movable electrode move in the direction of open circuit or closed circuit due to rotating of the operation shaft, electric magnit used for closed-circuit operation of operating a. m.operation shaft in order that the a. m. movable electrode rotates in the direction of closed circuit, main breaking spring which reserves breaking power of a. m. movable electrode by means of the rotating of a. m.operation shaft in the closed-circuit direction, closed-circuit holding mechanism which maintains the main breaking spring under the stored state, and trip electromagnitic iron which makes the a.m. closed-circuit holding mechanism release. For these topics amd in this invention, an auxiliary breaking spring is arranged between the a.m.stander and operating rod in the a.m. air breaker which reserves power to make the a.m. movable electrode move in the opened-circuit direction. Therefore, in the breaking way that, by means of the elasticity of the main breaking spring, the stationary electrode and movable electrode fixed in the sealed vessel filled with blow out gas are made to leave air breaker being under a broken-circuit state, and after the action of a.m. main breaking spring, a.m. movable electrode starts to leave a.m. statonary electrode. The releasing of the elasticity makes the movable electrode move to the fully-opened circuit position of a.m. movable electrode with the aid of the auxiliary breaking spring with a leaving speed lower than the leaving speed with the help of a.m. main breaking spring.

The following irrelevant contents are all left out.



Structural Drawing

(54) [Denomination of Invention] Air Breaker and how it breaks circuit

(57) [Summary]

[Question of Discussion] To prolong effective arc-extinguishing time and improve arc-extinguishing performance of the air breaker

[How to realize it]

In the breaking way that, by means of the elasticity of the main breaking spring 103, the stationary electrode 4 and movable electrode fixed in the sealed vessel filled with blow out gas are made to leave air breaker being under a broken-circuit state, and after the action of a.m. main breaking spring 103, a.m. movable electrode starts to leave a.m. stationary electrode. The releasing of the elasticity makes the movable electrode 7 move to the fully-opened circuit position of a.m. movable electrode 7 with the aid of the auxiliary breaking spring with a leaving speed lower than the leaving speed with the help of a.m. main breaking spring 103.